

# Nurzhhan Kanatzhanov

🐱 Personal portfolio

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## Education

**Washington University in St. Louis** (St. Louis, MO) August 2017–December 2020 (Expected)

- Candidate for Bachelor of Science in Computer Science, 3.76 GPA; Second Major in Finance
- Dean's List (Fall 2017, Fall 2018, Spring 2019, Fall 2019)

## Experience

**Software Development Intern**, Sharp Coffee LLC (St. Louis, MO) June 2020–August 2020

*Languages & Technologies: Next.js, ReactJS, Python, PostgreSQL*

- Customized the product's web application to include clients' new space management needs due to COVID-19.
- Developed multiple data analytics scripts in Python from raw data to get key performance metrics and other measures deemed significant business units.
- Designed a central data analytics dashboard to optimize the space administration and reduce "ghosting" of reservations by visualizing key statistics for space managers.

**Summer Intern**, Lean Solutions (Almaty, Kazakhstan) May 2019–July 2019

*Languages & Technologies: MySQL, Microsoft Excel, OpenStreetMap*

- Utilized the online mapping platform OpenStreetMap (OSM) to digitize maps of towns and counties, resulting in digitization of 110 towns in the East Kazakhstan region.
- Collected data for cartography from local authorities for the unification of public services via an interactive "geoportal" as a part of a government-sponsored project.
- Conducted weekly progress reports and organized the team's Scrum board to isolate and assign specific tasks.
- Tested the geoportal for bugs, mistakes, and data inconsistencies using SQL queries.

**Web Development Summer Intern**, Asia-Soft Ltd. (Almaty, Kazakhstan) June 2018–August 2018

*Languages & Technologies: HTML5, CSS, JavaScript*

- Assisted with daily web design projects for multiple customers.
- Renovated the company's website to improve user experience and usability with modern SEO practices.

## Other Activities

**Competition Judge**, Data.org & DataKind Inclusive Growth and Recovery Challenge July 2020–August 2020

- Selected as a judge for the data.org challenge that sought solutions that integrated data science, machine learning, and artificial intelligence for social impact.
- Reviewed and left professional feedback on competition applications that addressed critical humanitarian problems and asked for funding between \$10K and \$10M.

**Web Development Teaching Assistant** (St. Louis, MO) August 2019–Present

- Reviewed teaching materials with students, held group help sessions, and graded web assignments and labs.
- Taught the fundamentals of web development, including HTML, CSS, Bootstrap, JavaScript, and React.

**International Student Leader** (St. Louis, MO) March 2019–December 2019

- Lead an undergraduate fall semester orientation for new international exchange/transfer students.
- Served as a member of the search committee for a new Vice Chancellor for the Center of Diversity and Inclusion.

## Skills

**Proficient:** HTML/CSS, JavaScript, ReactJS, Python, Microsoft Office Suite.

**Competent:** Java, MySQL, Swift, Angular, PHP, Git,  $\LaTeX$ .

**Prior Experience:** C++, Amazon Web Services, MatLab, Visual Basic (VBA), TypeScript, OpenStreetMap (OSM).

**Language Fluency:** English, Russian, Kazakh.